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(54) Title: FUNCTIONALISATION OF STENTS WITH LIPASES

(57) Abstract: The invention relates to intravascular stents comprising in its inner surface an enzyme capable of catabolizing cholesterol and lipids, such as lipase, or cells that have been genetically modified to produce said enzyme, and to their use in the frame of the treatment or prevention of obstructive arteriosclerotic lesions in the coronary and peripheral blood vessels, or prevention of restenosis in intra coronaric stents.



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# INTERNATIONAL SEARCH REPORT

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PCT/EP 03/50680

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L31/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS, CHEM ABS Data, SCISEARCH

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/16386 A (SCIMED LIFE SYSTEMS INC) 8 April 1999 (1999-04-08) abstract page 3, line 1 - line 7	1-6
X	WO 94/21308 A (CEDARS SINAI MEDICAL CENTER) 29 September 1994 (1994-09-29) page 5, line 15 - line 23 page 6, line 15 - line 20	1-6
X	US 5 383 928 A (HARKER LAURENCE A ET AL) 24 January 1995 (1995-01-24) abstract column 5, line 54 - line 57	1-6
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/09912 A (TECHNION RES & DEV FOUNDATION ;DINNAR URI (IL); FRIEDMAN MARK M (I) 4 March 1999 (1999-03-04) abstract	1-11
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Information on patent family members

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